

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Robert B. Staszewski

Serial No.: **TBD**

Filed: **Herewith**

For: **FREQUENCY SYNTHESIZER WITH DIGITALLY-CONTROLLED
OSCILLATOR**

Docket No.: **TI-33176A**

Examiner: **TBD**

Art Unit: **TBD**

Confirm. No.: **TBD**

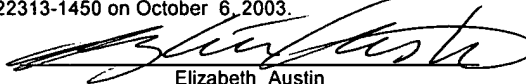
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on October 6, 2003.


Elizabeth Austin

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the listed references are enclosed.

This information disclosure statement is being mailed before receipt of a first office action on the merits in accordance with 37 C.F.R. 1.97(b)(3).

No fees are due, however, should the Office decide otherwise, please charge the necessary fee of \$180 to the deposit account of Texas Instruments Incorporated, Account Number 20-0668.

Respectfully submitted,



Ronald O. Neerings

Attorney for Applicants

Reg. No. 34,227

Texas Instruments Incorporated
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(972) 917-5299

Please type a plus sign (+) inside this box ^



PTO/SB/08A (08-00)

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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete If Known	
				Application Number	TBD
				Filing Date	October 6, 2003
				First Named Inventor	Robert B. Staszewski, et al.
				Group Art Unit	TBD
Examiner Name	TBD				
Sheet	1	of	2	Attorney Docket No.	TI-33176A

U.S. PATENT DOCUMENTS						
Exam. Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,965,531		Riley	10/23/1990	
	AB	5,446,420		Westwick	08/29/1995	
	AC	6,028,488		Landman, et al.	02/22/2000	
	AD	6,094,105		Williamson	07/25/2000	
	AE					
	AF					
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	AH					
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	AJ					
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	AL					
	AM					
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FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	BA							
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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			Group Art Unit	TBD	
			Examiner Name	TBD	
Sheet	2		2	Attorney Docket No.	TI-33176A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	"A 14-Bit Current-Mode EΔ DAC Based Upon Rotated Data Weighted Averaging", Russ E. Radke, et al., IEEE Journal of Solid-State Circuits, Vol. 35, No. 8, 08/2000, pp. 1074-1084	
	CB		
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